

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL

5. Lease Number
SF-080674
Unit Reporting Number

1b. Type of Well
GAS

Indian, All. or Tribe

2. Operator
BURLINGTON RESOURCES Oil & Gas Company
14538

Unit Agreement Name
San Juan 27-4 Unit
7452

3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499
(505) 326-9700

8. Farm or Lease Name
San Juan 27-4 Unit

9. Well Number
56M

4. Location of Well
540' FNL, 750' FWL
Latitude 36° 33.52, Longitude 107° 15.4

10. Field, Pool, Wildcat
72319 Blanco MV/Basin Dk 71589

11. Sec., Twn, Rge, Mer. (NMPM)
D Sec 21, T-27-N, R-4-W
API # 30-039- 25923

14. Distance in Miles from Nearest Town
50 miles to Blanco

12. County
Rio Arriba

13. State
NM

15. Distance from Proposed Location to Nearest Property or Lease Line
540'

16. Acres in Lease
320 W/2 320

17. Acres Assigned to Well
W/2 320 W/2 320

18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease
300'

19. Proposed Depth
8525

20. Rotary or Cable Tools
Rotary

21. Elevations (DF, FT, GR, Etc.)
7195' GR

22. Approx. Date Work will Start

23. Proposed Casing and Cementing Program
See Operations Plan attached

24. Authorized by: Regulatory/Compliance Administrator
Date 7/12/98

PERMIT NO. _____

APPROVAL DATE

JUL 28 1998

APPROVED BY AS/Duane W. Spencer

TITLE _____

DATE
JUL 28 1998

Archaeological Report to be submitted by Arboles Contract Archaeology

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

NEL-4013 @

NMCCD

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-1
Revised February 21, 1998
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-25923		Pool Code 72319/71599	Pool Name Blanco Mesaverde/Basin Dakota
Property Code 7452	Property Name SAN JUAN 27-4 UNIT		Well Number # 56M
OGRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		Elevation 7195

10 Surface Location

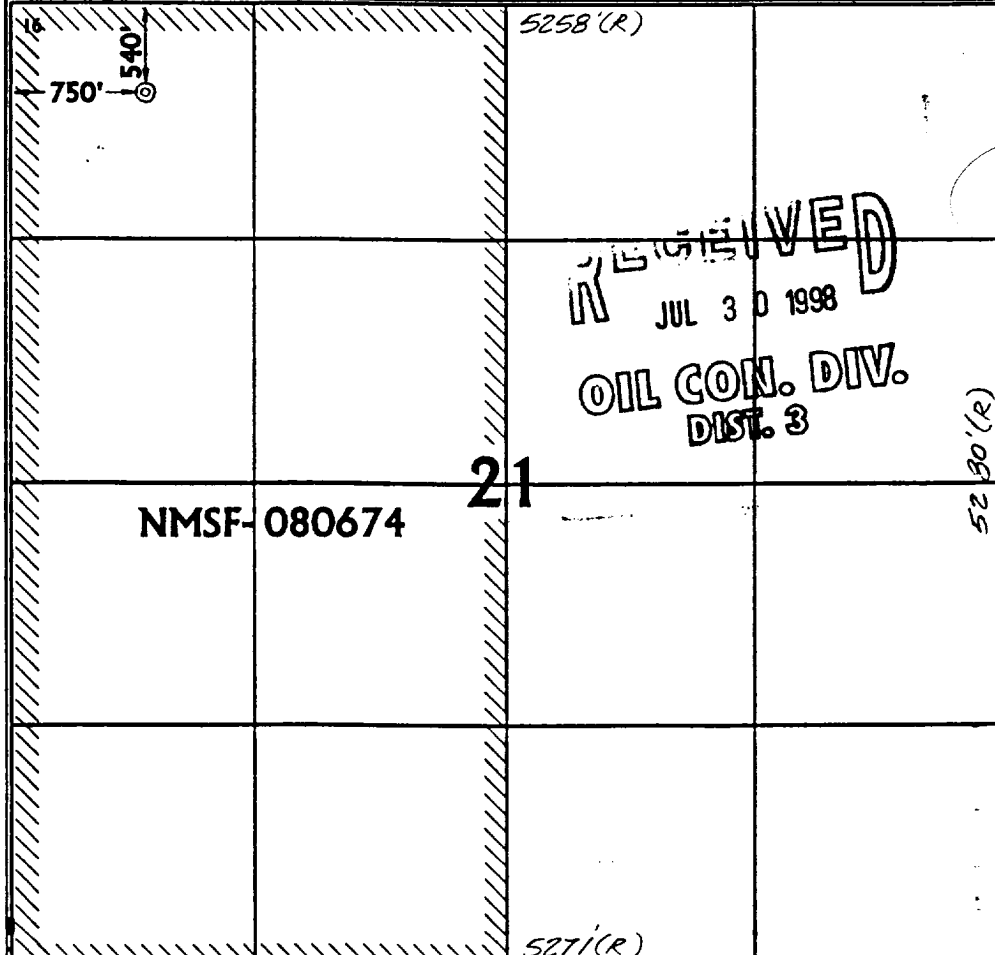
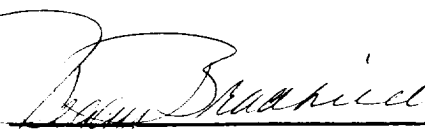
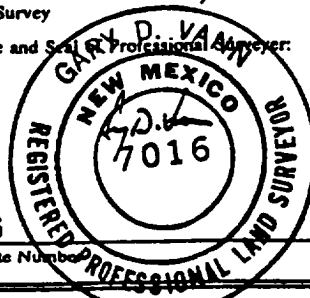
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	21	27 N	4 W		540	NORTH	750	WEST	RIO ARRAPIO

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acreage MV-W/320 DK-W/320	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Peggy Bradfield Printed Name Regulatory Administrator Title 2/12/98 Date
	18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. November 25, 1997 Date of Survey Signature and Seal of Professional Surveyor:  7016 Certificate Number

(R) - GLO RECORD

OPERATIONS PLAN

Well Name: San Juan 27-4 Unit #56M
Location: 540' FNL, 750' FWL Sec 21, T-27-N, R-4-W
Rio Arriba County, NM
Latitude 36° 33.52, Longitude 107° 15.4
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 7195' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	3492'	
Ojo Alamo	3492'	3632'	aquifer
Kirtland	3632'	3699'	
Fruitland	3699'	4015'	gas
Pictured Cliffs	4015'	4153'	gas
Lewis	4153'	4540'	gas
Intermediate TD	4253'		
Huerfanito Bentonite	4540'	5033'	gas
Chacra	5033'	5722'	
Massive Cliff House	5722'	5898'	gas
Menefee	5898'	6233'	gas
Massive Point Lookout	6233'	7386'	gas
Gallup	7386'	8180'	gas
Greenhorn	8180'	8270'	gas
Dakota	8270'		gas
TD (4 1/2" liner)	8525'		

Logging Program:

Cased hole - CBL - TD to 200' above TOC, GR/CNL across MV/Dk

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 200'	Spud	8.4-9.0	40-50	no control
200-4253'	LSND	8.4-9.0	30-60	no control
4253-8525'	Gas	n/a	n/a	n/a

Pit levels will be visually monitored to detect gain or loss of fluid control.

Casing Program (as listed, the equivalent, or better):

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csq. Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 200'	9 5/8"	32.3#	WC-50
8 3/4"	0' - 4253'	7"	20.0#	J-55
6 1/4"	4153' - 8525'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 8525' 2 3/8" 4.70# EUE

